



United States
Department of
Agriculture

Forest
Service

Northeastern Area
State and Private Forestry

180 Canfield Street
Morgantown, WV 26505-3101

File Code: 3400
Date: December 2, 2009

Mr. Howard Schlagel, Refuge Manager
Cape May National Wildlife Refuge
24 Kimbles Beach Road
Cape May Court House, NJ 08210

Dear Howard:

On November 18, 2009, USDA Forest Service personnel conducted a gypsy moth egg mass survey at Cape May National Wildlife Refuge. The purposes of the survey were to determine population densities, evaluate the efficacy of this year's treatments, assess the potential for defoliation and the need for treatment in 2010.

Gypsy moth survey plots were randomly selected based upon available host trees (oak species), size of sample area and uniformity between egg mass counts. At each sample point, a 1/40th acre fixed radius plot was established. The plots consisted of a tally of all the new (2009) egg masses observed on the overstory trees, understory vegetation, ground litter and duff.

Gypsy moth egg mass survey plot locations along with the 2009 gypsy moth treatment areas are shown in Figures 1a and 1b. I am pleased to report that no new egg masses were found during the survey. Treatment will not be necessary at Cape May National Wildlife Refuge in 2010.

Please contact me at 304-285-1555 if you have any questions regarding the gypsy moth egg survey.

Sincerely,

RODNEY L. WHITEMAN
Forester
Forest Health Protection

Enclosure

Cc: Allen Carter, Regional Forester, USDI F&WS
George Koeck, NJDF
Joe Zoltowski, NJDA
Robert Lueckel, MFO

RLW/blm



Figure 1a. -- Location of the gypsy moth survey plots established on November 18, 2009, at Cape May NWR along with the 2009 gypsy moth treatment blocks.

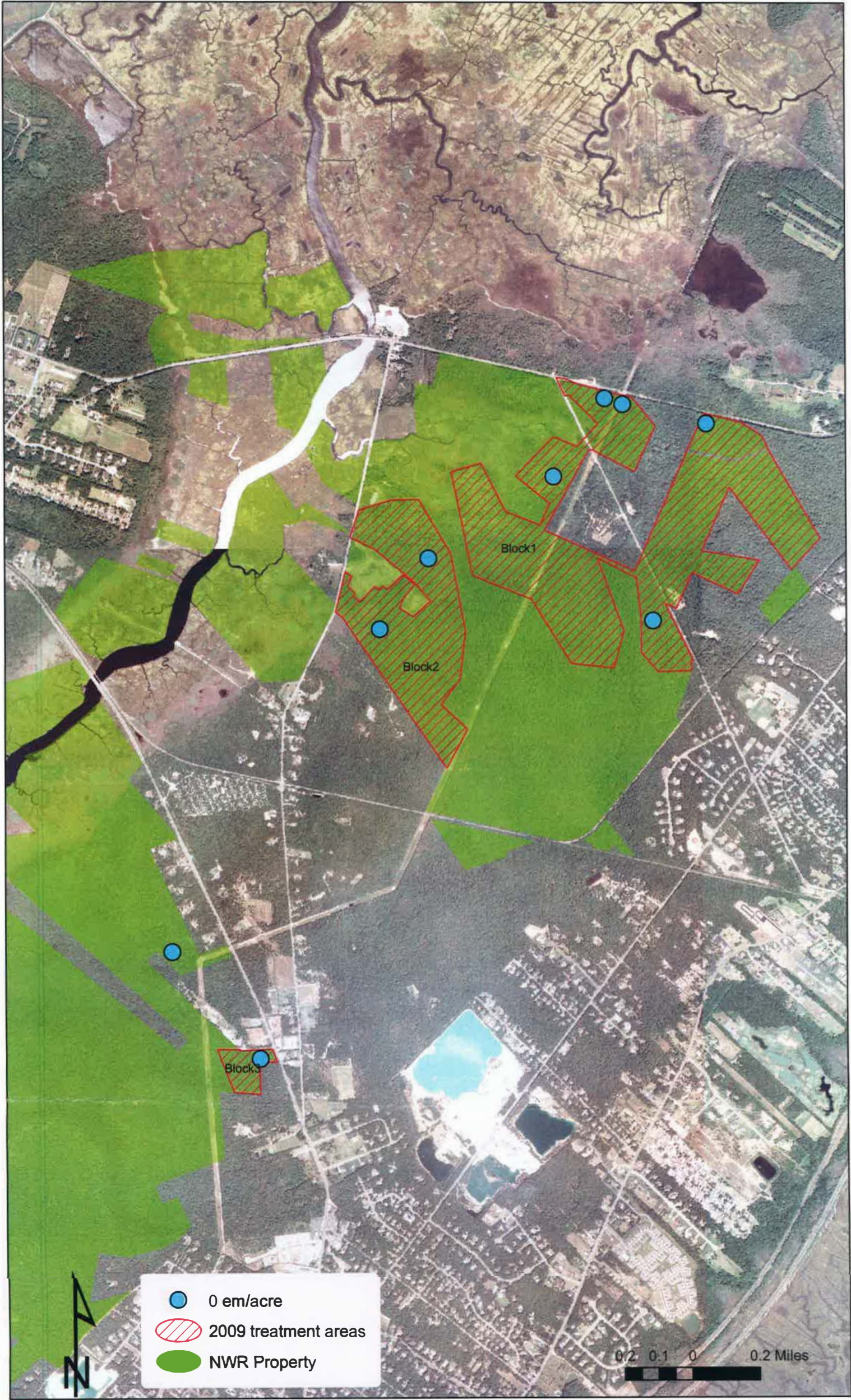


Figure 1b. -- Location of the gypsy moth survey plots established on November 18, 2009, at Cape May NWR along with the 2009 gypsy moth treatment blocks.

